

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## Token2 C302-i programmable hardware token

### Product Description:

This NFC-programmable OTP hardware token combines security, durability, and flexibility in a compact keyfob design. Equipped with a 6-character LCD screen and built-in button, it offers real-time display of one-time passwords (OTPs) based on the TOTP algorithm. Users can program the device via NFC using our free cross-platform applications. It's ideal for systems that require strong two-factor authentication (2FA), especially in environments where mobile apps or USB tokens are impractical.

### Technical Specifications:

Feature	Details
Display	6-character LCD screen
Button	Single physical button to generate OTPs
Algorithm	TOTP (Time-based One-Time Password)
OTP Length	6 digits
OTP Interval	30 seconds (default), configurable to 60 seconds
Hash Algorithm	SHA-1 (default) or SHA-256 (configurable)
Programmable	<b>Yes</b> — via NFC using our burner apps
Max Seed Length	63 bytes (126 hex / 101 base32)

Feature	Details
Time Sync	<b>Yes</b> <i>Unrestricted: setting time does not erase the seed</i>
Battery	Lithium-Magnesium (non-replaceable)
Battery Life	5-6 years (typical, depending on frequency of use)
Water & Dust Resistance	IP67 certified — fully protected against dust and immersion up to 1 meter
Operating Temperature	0°C to 50°C
Tamper Protection	Yes — tamper evident housing
Dimensions	49.8 × 26 × 8.25 mm

## ⚠ Security Notice:

This device allows unrestricted time configuration without resetting the OTP seed. While this feature provides flexibility for non-standard systems, it also introduces a **replay attack risk** if misused. We strongly recommend using this token only with platforms that are not RFC-compliant (such as Cisco Duo). [Contact us](#) if you need assistance or are unsure whether your target system is compatible.

## Product Images



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## Summary

<b>Model Number</b>	C302-i
<b>Form-factor</b>	dongle
<b>Functions</b>	TOTP <i>configurable</i>
<b>Dimensions</b>	49×26×8 mm
<b>Weight</b>	17 gr
<b>Programmable</b>	yes └ profile  <i>unrestricted time sync</i>
<b>Product ID</b>	T2-52

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## Product page

<https://www.token2.com/shop/product/token2-c302-i-programmable-hardware-token-iphone-compatible>



## About Token2

Token2 is a cybersecurity company specialized in the area of multifactor authentication. Founded by a team of researchers and graduates from the University of Geneva with years of experience in the field of strong security and multifactor authentication, Token2 has invented, designed and developed various hardware and software solutions for user-friendly and secure authentication. Token2 is headquartered in Geneva, Switzerland

Token2 is a member of *FIDO Alliance* and *swiss made software* label



## Contact Details

*Email:* [support@token2.com](mailto:support@token2.com)

*Phone:* +41 22 512 55 00

*Address:* La Voie-Creuse 3B  
1202 Geneva, Switzerland

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